The newest SPERRY UNIVAC® 0716 (80/96-column) card reader subsystem offers reliability, versatility, easy operation and low cost. 80-column cards or 96-column cards are read at rates of 600 or 1000 per minute. 66- and 51-column card operation is available.

The input section utilizes a vibratory hopper and a vacuum drum to facilitate reliable, trouble-free feeding. Data validity is assured by reading of the card at two independent phototransistor read stations.

The card is transported via a twin-belt system in which the card is firmly grasped and carried' through the feed path. Stacking is accomplished by carousel wheels which gently decelerate and deposit the cards in the output stackers.

The 0716 card reader is a blend of industrial-design and human-factors analysis which provides pleasing appearance and ease of operation. Card capacity of the input hoppers and output stackers minimizes operator attention. Card loading and

unloading may be accomplished without stopping the reader. The entire feed path is easily and quickly accessible if operator intervention is required. Conversion to and from 96-column operation is easily accomplished by the operator.

This newest 0716 provides the 90/30 system with a versatile tool capable of reading both 80- and 96-column cards at high speeds. Along with the 0716, Sperry Univac offers customer engineering support and advanced, high-quality software.

SPERRY ✛ UNIVAC

0716 — 80-Column/96-Column Card Reader

Standard colors:

Frame . . . . slate gray
Front/rear . . . . pale gray
Worktops . . . . off gray
Accent . . . . charcoal brown

Customer color selections:[2]

End panels . . . . dark green
slate gray
twilight blue
earth brown
grayish blue

[1]This is the color repertoire. Definition of these colors is given in Color Selection Brochure—U5329, which your Sperry Univac representative has available.

[2]End-panel color selections not available on all systems. Consult your Sperry Univac representative for details.

FUNCTIONAL CHARACTERISTICS

Speed:
600 or 100 cards per minute

Card Feed:
80-column punch cards. Operator can easily adapt to read 96-column cards as well as 51-column or 66-column stub cards. The input hopper has a capacity of 2400—80-column cards or 2000—96-column cards. Multi-read checking is standard.

Two output stackers have a capacity of 2000 cards each.

Control Unit:
The reader is free-standing and has a built-in control unit to interface with a Series 90 I/O multiplex channel.

Six basic commands are provided for system control of the reader. Two modes of data transfer are available: image format and translate format.

FEATURES

Short Card—51 column
Short Card—66 column
Validity Check
Alternate Stacker Fill
ASCII Conversion
EBCDIC Conversion
1000 CPM Speed Upgrade
Dual Translate
End of File

PHYSICAL CHARACTERISTICS[3]

Width: 54″ (137.2CM)
Height: 42″ (107CM)
Depth: 32.5″ (83CM)
Weight: Approx. 800 lbs. (363Kg.)

ENVIRONMENTAL CHARACTERISTICS

Shipping and Storage Range (up to 72 hours):
Temperature:
—40°F. to +140°F.
—40°C. to +60°C.
Humidity: 1% to 80%

Working Range (Nominal)
Temperature:
60°F. to 94°F.
15.6°C. to 34°C.
Humidity: 85% to 20%
Heat Dissipated:
6500 BTU/hr.

POWER REQUIREMENTS:[4]

Nominal Voltage: 208/240 VAC
Nominal Frequency: 60HZ
Phase and Lines: Single-Phase, 2-wire plus ground
Nominal Load: Approx. 2.3KVA

[3]Above information provided for reference purposes. Consult your Sperry Univac Representative for installation planning details.

[4]50HZ, 220/230/240VAC model available.

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